## PATENT COOPERATION TREATY

# **PCT**

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or ag	gent's file reference	FOR FURTHER ACTION as	see Form PCT/ISA/220 well as, where applicable, Item 5 below.
International app		International filing date (day/month/year)	
PCT/DK2004	/000573	30/08/2004	29/08/2003
Applicant			
PILECACPE	PHARMA A/S		
This Internation according to Ar	ial Search Report has bee ticle 18. A copy is being to	en prepared by this international Searching A ransmitted to the international Bureau.	Authority and is transmitted to the applicant
	nal Search Report consists		
х	It is also accompanied by	y a copy of each prior art document cited in t	his report.
Basis of the     a. With re     languar	gard to the language, the	international search was carried out on the less otherwise indicated under this item.	basis of the international application in the
		Search was carried out on the basis of a tra-	nstation of the international application furnished to
b. 🗌	With regard to any nucle	otide and/or amino acid sequence disclos	ed in the international application, see Box No. I.
2. X	Certain claims were fou	ind unsearchable (See Box II).	
3.	Unity of invention is lac	king (see Box III).	
4. With regard	to the title,		
	the text is approved as su		
	the text has been establis	thed by this Authority to read as follows:	
			·
5. With regard	to the abstract.		
<u></u>	the text is approved as su	bmitted by the applicant.	
	the text has been establishmay, within one month fro	hed, according to Rule 38.2(b), by this Authorn the date of mailing of this international sea	ority as it appears in Box No. IV. The applicant arch report, submit comments to this Authority.
6. With regards	s to the <b>drawings</b> ,		
a. the figure	e of the <b>drawings</b> to be p	ublished with the abstract is Figure No	<u> </u>
Į	as suggested by t	ne applicant.	
Į		Authority, because the applicant falled to si	
b. [] 1		s Authority, because this figure better charace published with the abstract.	terizes the Invention.

### INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000573

A 0140	TEICATION OF OUR WAS ALL	PC1/DK200	4/0005/3
IPC 7	HFICATION OF SUBJECT MATTER A61K31/436 A61K9/16 A61K9/1	.4 A61P37/06	
According	to International Patent Classification (IPC) or to both national classif	cation and IPC	
	SEARCHED		
IPC 7	ocumentation searched (classification system followed by classifical A61K A61P	tion symbols)	
Documenta	tion searched other than minimum documentation to the extent that	such documents are included in the fields so	parched
Electronic o	ata base consulted during the international search (name of data b	ase and, where practical, search terms used	)
EPO-In	ternal, WPI Data, PAJ, EMBASE, MEDL	INE, BIOSIS, CHEM ABS D	ata
	ENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to claim No.
X	WO 01/37808 A (LIPOCINE INC) 31 May 2001 (2001-05-31)		1-10, 12-16, 21,25, 29,30, 35-40, 42, 47-51,53
	example 20; claim 1, 5		4/-51,53
X	EP 1 064 942 A (FUJISAWA PHARMACI CO) 3 January 2001 (2001-01-03) '0002!-'0004!; example 12, 27, 29		1-10, 12-16, 18,21, 25, 29-31, 35-42, 47-51,53
	-	-/	
X Furth	er documents are listed in the continuation of box C.	X Patent family members are listed in	annex.
"A" docume considi "E" earlier d filling di "L" docume which is citation "O" docume other in	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another or other special reason (as specified) it reterring to an oral disclosure, use, exhibition or leans it published prior to the international filing date but	"I" later document published after the Internor priority date and not in conflict with the died to understand the principle or the threatflow."  "X" document of particular relevance; the clacanot be considered novel or cannot be involve an inventive step when the document of particular relevance; the clacanot be particular relevance; the clacanot be considered to involve an inventive step when the document is combined with one or more document is combined with one or more ments, such combination being obvious in the art.  "&" document member of the same patent fa	ne application but you underlying the  limed invention e considered to iment is taken alone thred invention into step when the e other such docu- to a person skilled
Date of the a	ctual completion of the international search	Date of mailing of the international search	
	November 2004	30/11/2004	
Name and m	alling address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL + 2280 HV R\$SW[k	Authorized officer	
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Borst, M	

### INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000573

C (Continue	MION) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/DK2004/000573
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SANO N ET AL: "Oral FK 506 blood levels are elevated in pig short bowel model: Further investigations with co-administration of an intestinal CYP3A4 inhibitor."  TRANSPLANTATION PROCEEDINGS, vol. 34, no. 3, May 2002 (2002-05), pages 1050-1051, XP002304068 ISSN: 0041-1345 page 1051, paragraph entitled "Discussion"	1-53
Y	WO 03/004001 A (HOLM JANNIE EGESKOV; MOELLGAARD BIRGITTE (DK); BUUR ANDERS (DK); HOLM) 16 January 2003 (2003-01-16) cited in the application claims 1-56	1-53
A	HONBO T ET AL: "The oral dosage form of FK-506" TRANSPLANTATION PROCEEDINGS 1987 UNITED STATES, vol. 19, no. 5 SUPPL. 6, 1987, pages 17-22, XP0009024313 ISSN: 0041-1345 table 2; figure 4, 6	1-53
P,Y	NISHI K ET AL: "The expression of intestinal CYP3A4 in the piglet model." TRANSPLANTATION PROCEEDINGS, vol. 36, no. 2, March 2004 (2004-03), pages 361-363, XP002304069 ISSN: 0041-1345 page 363, paragraph entitled "Discussion"	1-53
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	(continuation of second short) ( Innue 2004)	

International application No. PCT/DK2004/000573

#### INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unseal	rchable (Continuation of Item 2 of first sheet)
This international Search Report has not been established in respect of ce	artain claims under Article 17(2)(a) for the following reasons:
Claims Nos.:     because they relate to subject matter not required to be searched.	•
Rule 39.1(iv) PCT - Method for treatmentherapy: Although claim 47 involves a methody, the search has been carried out compound/composition.  2. Claims Nos.: because they relate to parts of the international Application that dan extent that no meaningful International Search can be carried.	ethod of treatment of the human/animal and based on the alleged effects of the
Claims Nos.:     because they are dependent claims and are not drafted in accord      Box III. Observations where with a little state in the state of the st	
Box III Observations where unity of invention is lacking (Con-	
This International Searching Authority found multiple inventions in this inter	national application, as follows:
As all required additional search fees were timely paid by the appl searchable daims.	licant, this International Search Report covers all
2. As all searchable claims could be searched without effort justifying of any additional fee.	g an additional fee, this Authority did not invite payment
3. As only some of the required additional search fees were timely proceed to covers only those claims for which fees were paid, specifically claims for which fees were timely proceed to the covers only those claims for which fees were paid, specifically claims for which fees were paid.	aid by the applicant, this international Search Report ims Nos.:
No required additional search fees were timely paid by the applica restricted to the Invention first mentioned in the claims; it is covere	int, Consequently, this International Search Report is d by claims Nos.:
	search fees were accompanied by the applicant's protest.

### INTERNATIONAL SEARCH REPORT

Information on patent family members

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